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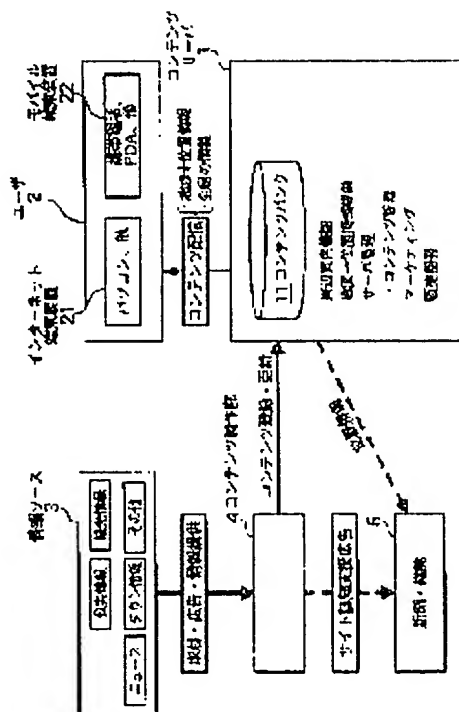| (21)Application number : 2000-138573 | (71)Applicant : KOCHI SYSTEMS:KK |
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(54) CONTENT SERVER WITH VICINITY GUIDING FUNCTION

(57)Abstract:

PROBLEM TO BE SOLVED: To easily and speedily obtain information on a surrounding area via the Internet.
SOLUTION: This content server with a vicinity guiding function is equipped with a mass-storage device which stores a database having content items composed of store names, public facility names, and event names, content information relating to the content items, and position information on locations relating to the content items, a registration means which can register a location on the screen of a display device for a terminal device, and a vicinity guiding means which displays vicinity guide buttons on the display device, displays retrieval conditions for retrieving content items when a circumference guide button is pressed, displays the content items meeting the retrieval conditions or the positions of the content items on a map around a registered location, and displays the content information or position of a specific content item on the map when the specific content item is indicated.

LEGAL STATUS

[Date of request for examination]

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]
[Drawing 1] The whole contents gardenia fruit stem schematic diagram
[Drawing 2] The screen Fig. of a circumference guidance function
[Drawing 3] Other screen Figs. of a circumference guidance function
[Description of Notations]
1 ... Contents server
11 .. Contents bank
2 ... User
21 .. Internet terminal unit
22 .. Mobile terminal unit
3 ... Information source
4 ... Contents work section
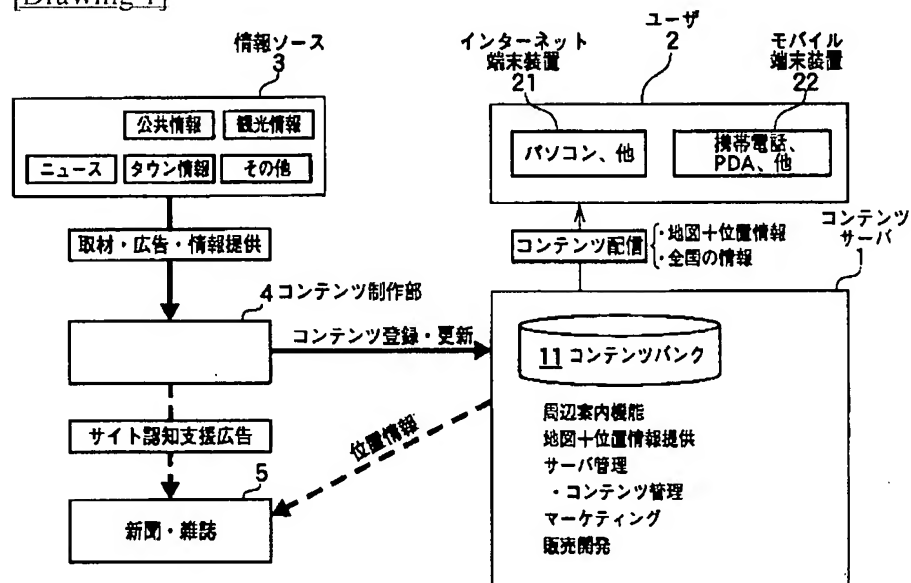5 ... A newspaper and magazine

[Translation done.]

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DRAWINGS

[Drawing 1]

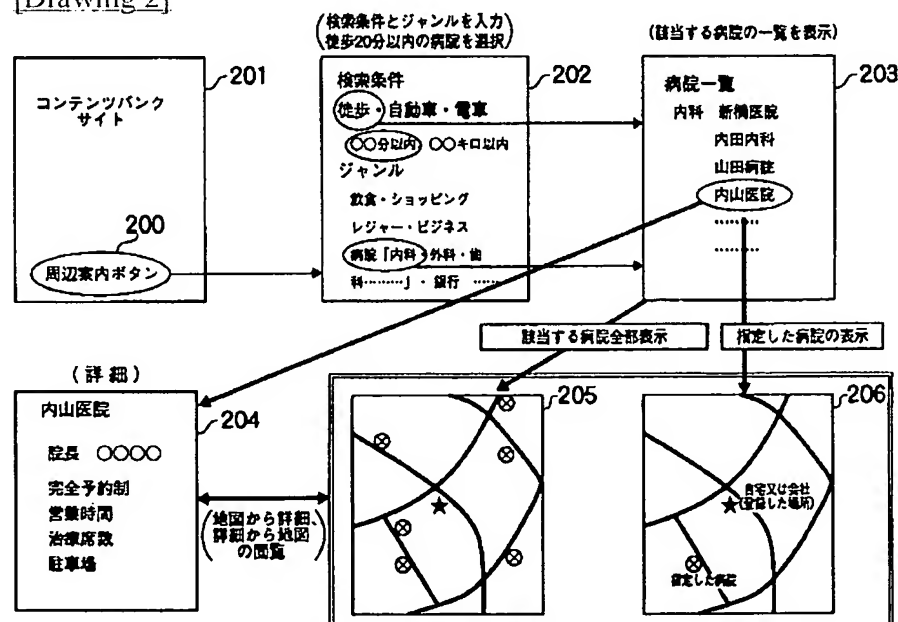[Drawing 2]

[Drawing 3]

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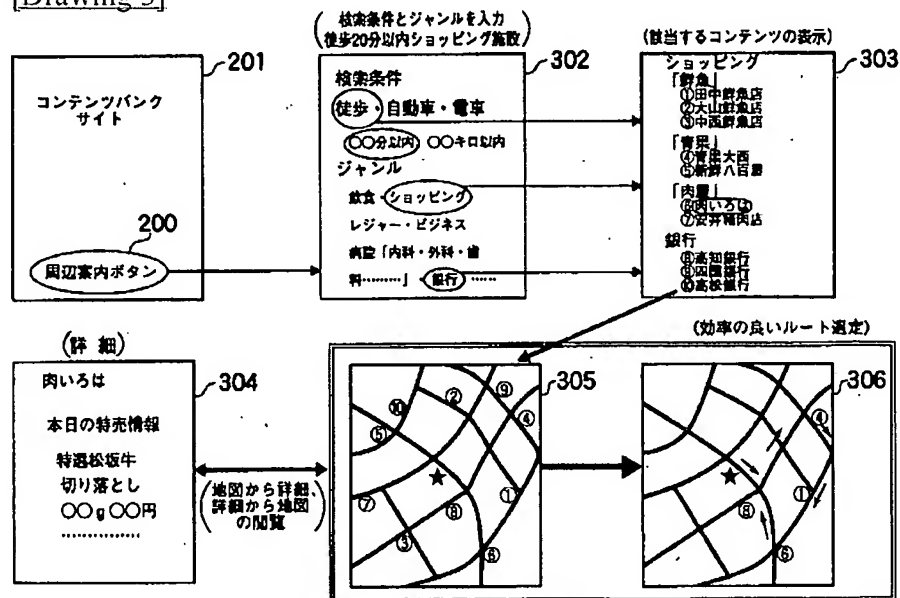## DETAILED DESCRIPTION

[Detailed Description of the Invention]
[0001]
[Industrial Application] This invention relates to the contents server which performs circumference guidance by the Internet.
[0002]
[Description of the Prior Art] the information terminal fixed to the home, the firm, etc. in the information which exists on the outskirts of an address, such as a house and office, conventionally -- enough -- and grasping quickly was hardly completed. for example, the circumference of office -- setting -- the contents of an event, such as locations, such as a bank, a post office, a chemist's shop, a stationery shop, an urgent hospital, specific recreation facilities, and a recreation facility of a holiday, and an event of a store, a festival of an area, and a bargain sale of a supermarket, -- enough -- and it was not able to know quickly. Moreover, when those locations were where, for example, it went on foot, it was difficult how much duration to start and to get to know easily.
[0003] Moreover, also in the terminal which receives the location which is now like car navigation from the outside, such as a satellite, it was difficult to specify distance and business time amount, to retrieve the information on surrounding, and to get to know it.
[0004]
[Problem(s) to be Solved by the Invention] <I> this invention is to enable it to acquire the information on a circumference area easily and quickly using the Internet.
[0005]
[Means for Solving the Problem] In the contents server which has the circumference guidance function which can access this invention by the Internet from a terminal unit The contents item which consists of contents names, such as a store name, a public institution name, a facility name, and an event name, The large capacity storage which stores the database which has the contents information relevant to a contents item, and the positional information of the location relevant to a contents item, To a registration means by which an address can be registered from the screen of the display of a terminal unit, and the display of a terminal unit If a circumference guidance carbon button is displayed and a circumference guidance carbon button is directed, will display the retrieval conditions for retrieval of a contents item, and it will center on the registered address. If the location of the contents item applicable to retrieval conditions or a contents item is displayed on a map and a predetermined contents item is directed A circumference guidance means to display the location of the contents information on the contents item, or its contents item on a map, preparation ****** -- the contents server which has the circumference guidance function characterized by things -- In the contents server which has said circumference guidance function or retrieval conditions The access condition which specifies the migration means and duration which go to a contents item from the registered address, or specifies the distance from the registered address to a contents item, It is in the contents server which is characterized by being the genre conditions which specify the field of a contents item and which has a circumference guidance function.

[0006]
[Embodiment of the Invention] Hereafter, the gestalt of operation of this invention is explained using a drawing.

[0007] A <I> contents system contents system collects information, makes contents from information, stores them in a contents bank by the contents server, and provides a user's terminal unit with contents through the Internet from a contents bank. A contents bank is the database of contents and large capacity storage is used in hard.

[0008] By coverage or the advertisement, or information offer, the contents work section 4 collects information from the information sources 3, such as public information, sightseeing information, news, and town news, edits and makes a contents system as contents, and memorizes it on the contents bank 11 of the contents server 1 as shown in drawing 1 . The contents server 1 has the function to provide a user 2 with a map or positional information with contents, and to offer guidance of local information especially. With a signal transduction engine, for example, a newspaper publishing company, a publishing company, a broadcast engine, or communications media, the contents work section 4 performs a site cognitive exchange advertisement again through signal transduction media, such as a newspaper and a magazine 5, broadcast, and a communication link, in order to spread existence of the contents server 1. This advertisement is provided with positional information from the contents server 1.

[0009] The contents stored in the <RO> contents contents bank 11 can be perused from any terminal units including the information that amount of information including the map which can be accessed and perused from the Internet terminal units 21, such as a personal computer, a photograph, etc. consists of big information, text which can be accessed and perused from the mobile terminal units 22, such as a cellular phone and a PDA terminal, an easy map, etc. and that amount of information is small.

[0010] Contents have the contents item which consists of contents names, such as a store name, a public institution name, a facility name, and an event name, the contents information relevant to a contents item, the map information which shows those locations with a map. Contents have information required for local residents, such as public information, such as real-time information, such as living information, such as news within the prefecture, shopping, and eating and drinking, the weather, empty information on a parking lot, and traffic information, the event and event information which a company and a store perform or administration information, and an urgent hospital, as information required for a local resident etc. As information required for a visitor from the outside of the prefecture, there are an event and event information, such as leisure and sightseeing information, such as business information, such as stay, eating and drinking, Kursbuch, and a transportation network, stay, eating and drinking, a famous place, leisure facilities, and tourist facilities, and a large-scale event, public institution information, etc.

[0011] The <Ha> contents server contents server 1 offers the contents of the contents bank 11 to a user 2, and is equipped with the large capacity storage which stores the database which has contents. If the contents server 1 has the function of circumference guidance and a specific area is specified, it will display the contents item around the area, contents information, the map information that shows those locations on a terminal unit. The business which manages the contents server 1 performs server management of a circumference guidance function, a map, positional information, contents management, etc., etc., and selling development of marketing or contents with contents.

[0012] A <NI> terminal unit terminal unit accesses the contents server 1, and memory space. such as a personal computer, and its screen are large, and it has the Internet terminal unit 21 with easy access, and the mobile terminal unit 22 with easy carrying by the Internet. The mobile terminal unit 22 may have comparatively small memory space and screens, such as a cellular phone and PDA, just easily [carrying].

[0013] A <HO> circumference guidance functional circumference guidance function accesses the contents server 1 from a terminal unit, and offers circumference information from the contents of the contents bank 11. First, Screen 201 of the site of a contents bank is displayed on the indicating equipment of a terminal unit like drawing 2 . There, the circumference guidance carbon button 200 is displayed. If the circumference guidance carbon button 200 is directed with cursor etc., Screen 202 with

which a contents item is searched will be displayed.

[0014] Retrieval conditions are inputted on the retrieval screen 202. A retrieval item is made into the access condition which accesses the location which has a contents item from an address (the location in which the terminal is installed, or location of arbitration which needs the information on surrounding "it is hereafter called an address"), and the field of a contents item, i.e., genre conditions. An access condition is made into the moving trucking distance by the migration means which inputted the duration until it reaches or met the slant range and the path with selection of migration means, such as on foot, a bicycle, an automobile, and an electric car. Genre conditions make it for example, eating and drinking and shopping, leisure business, a hospital, a public facility, etc. (internal medicine, surgery, dentistry, etc.).

[0015] If retrieval conditions are chosen like the hospital within on foot 20 minute (internal medicine) and a need item is inputted, the contents item applicable to the condition will be displayed on a hospital list, internal medicine, the Shinbashi hospital, the Uchida internal medicine, etc. and Screen 203. The location on the map of the contents item is displayed on Screen 205. Moreover, the detail of the contents according to individual displayed with the map of 205 is clicking the displayed point, and is displayed on the screen of 204. Moreover, if a specific contents item is specified from the contents displayed by 203, detailed contents information will be displayed on Screen 204. The map information on the contents item is displayed on Screen 206.

[0016] A <HE> circumference guidance carbon button circumference guidance carbon button is a carbon button which starts a circumference guidance function on the basis of the location "an address" registered beforehand. Therefore, the contents server is equipped with a registration means to register an "address" beforehand so that it may correspond with a circumference guidance carbon button. This address will be registered into a contents server if a registration means inputs the address of a house or office from the input screen of a terminal unit, for example. Directions of a circumference guidance carbon button perform the circumference guidance functions of a circumference location centering on the address, such as a retrieval function and a map display.

[0017] Below, the procedure of circumference guidance of a contents server is explained.

[0018] Collection of <I> contents and the registration contents work section cover, or collect the information on contents by the advertisement or information offer. The collected information is newly registered into the contents bank 11 as contents, or updates the existing contents. With it, by advertising media, such as a newspaper, a magazine, broadcast, and a communication link, the contents work section performs the advertising special edition of contents, takes out the information on contents, the map of the location, and positional information from the contents bank 11, and carries them together.

[0019] If the guidance user 2 of <RO> circumference information accesses the contents bank 11 from a terminal unit, Screen 201 of the homepage of the contents bank 11 of drawing 3 will be displayed. If the circumference guidance carbon button 200 is directed by click etc., Screen 302 of retrieval will be displayed. as an access condition -- on foot -- less than 20 minutes -- ** -- if it inputs and two or more genres of shopping and a bank are inputted as genre conditions, the field of shopping which is the address registered beforehand, for example, the contents item applicable to the retrieval conditions centering on the address of office, a store name, and the store name of a bank will be displayed on Screen 303. The location (it corresponds by round-head numbers, such as **) of these store names can also be displayed on a map like Screen 305. Directions of a specific store name display ****** (meat Japanese alphabet) on a detail on Screen 304 for the contents information. Or a specific butcher (meat Japanese alphabet) can also be displayed on a map like Screen 306. It can be made this ** and the location on the store name which is the contents item of office, a public institution name, facility names and event names, and those maps, and detailed information can be known from terminal units, such as a personal computer of office. Moreover, in Screen 302, it becomes possible by specifying two or more genres and displaying the screen of 305 to choose an efficient path, looking at a map like Screen 306. In addition, on Screen 305 and Screen 306 of drawing 3 , although the number of a round head has shown the location of a store name, you may express with an actual store name according to the magnitude of a screen.

[0020]
[Effect of the Invention] This invention can acquire the following effectiveness.
<I> this invention can acquire the information on a circumference area easily and quickly using the Internet.

[Translation done.]